

TARCZY-HORNOCZ, A.

Jordan, Egert, and Kneissl's Handbook of Surveying; a book review. p. 261  
(Geodezia es Kartografija Vol. 8, no. 3, 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

TARCZY-HORNOK, A.

Division of the trapezoid. p.277.  
(Geodezia es Kartografia, Vol. 8, no. 4, 1956, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 9, Sept. 1957. Uncl.

TARCZY-HORNOCZ, A.

The 1956 Congress of the International Society of Photogrammetry held in Stockholm. p. 73.  
(GEODEZIA ES HARTOGRAFIA. Vol. 9, no. 1/2, 1957, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.  
Uncl.

19 024. 227-400. English, French, and Russian

THAC27-HORNOCZ

3. On angle prisms used in surveying. (In German) A.  
Tarczy-Hornoch. Acta Technica Academiae  
Scientiarum Hungaricarum. Vol. 19, 1957, No. 1-2, pp.  
127-154, 43 figs.

All possible types of angle prisms used in surveying are expounded. The angle of reflection of angle prisms operating with twice reflected light is half of the angle to be laid out, its angle of refraction is, on the other hand, equal to the angle to be laid out or to its supplemental angle. With this limitation quite a number of angle prisms are found suitable for laying out angles of 90°, 45° and 180° among them may be found some not yet dealt with in literature. Alignments can also be effected and right angles laid out without using a point of reference with an adequately designed single prism instead of the hitherto used double prism.

EE

TARCZY-HORNOCZ, A.

Determining the azimuth and latitude by a new method based on the observations of a star. Tr. from the English. p. 321.  
(KOZLEMENYEI, Vol. 21. nö, 1/4, 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EE(L) IC. Vol. 6, no. 12, Dec. 1957.  
Uncl.

TARCZY-HORNOCH, A.

Authenticity of values calculated on the basis of geophysical measurements.  
Tr. from the German. p. 331.  
(KOZLEMENYEI, Vol. 21, no. 1/4, 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.  
Uncl.

TARCZY-HORNICK, A.

Opening address at the International Conference on Measurement Technique.  
p. 327.

MERES ES AUTOMATIKA. (Meresteknikai es Automatizalasi Tudomanyos  
Egyesulet) Budapest, Hungary. Vol 6, no. 11/12, 1958.

July  
Monthly list of East European Accessions (EEAI) LC, vol. 8, no. 2, 1959.

Uncl.

TARCZY-HORNOCZ, A.

Further studies on the compensation of the continental triangulation network. p. 206

GEODEZJA I KARTOGRAFIA. (Polska Akademia Nauk. Komitet Geodezji)  
Warsawa. Vol. 7, no. 4, 1958  
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959  
Uncl.

TARCZAY-HORNOCZ, A.

Science

"GEODEZIA ES KARTOGRAFIA"

Compensation of continental networks. p. 253

Vol. 10, No. 4, 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 4, April 1959  
Unclassified

TAROZY-HORNOCH, A.

Further information on the adjustment of the continental triangulation network; also, remark by F. Kuska, In German, p. 9.

ACTA TECHNICA. (MAGYAR TUDOMANYOS AKADEMIA) Budapest, Hungary.  
Vol. 23, no 1/3, 1959

Monthly list of East European Accessions (EEAI). Iu. Vol. 9, no. 1, Jan., 1960.

Uncl.

TARCZY-HORNOCZ, A.

Results of observations at the Geophysical Observatórias set up near Nagycenk from June to December, 1957. In German. p. 307.

ACTA TECHNICA (Magyar Tudományos Akadémia) Budapest, Hungary.  
Vol. 23, no. 1/3, 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960  
Uncl.

TARCZY-HORNOCZ, A.

Investigation of highly-sensitive level indicator; also, remarks by E. Regoczi. p.287.

Magyar Tudomanyos Akademia. Muszaki Tudomanyok Osztalya. KÖZLEMÉNYEL. Budapest, Hungary. Vol. 23, no. 3/4, 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959  
Uncl.

TARCZY-HORNOCZ, A.

Computation of mean-error ellipse by simple precut. p.261.

MAGYAR TUDOMANYOS AKADEMIA. MUSZAKI TUDOMANYOK OSZTALYA. KOZLEMENYEI.  
Budapest, Hungary. Vol. 24, no. 1/4, 1959.

Monthly List of East European Accessions. (EEAI) LC Vol. 9, no. 2,  
Feb. 1960 Unclassified.

TARCZY-HORNOCH, A.

On the equalization of measured side-length geodetic quadrangles according to  
the method of the smallest squares. p. 291.

MAGYAR TUDOMANYOS AKADEMIA. MUSZAKI TUDOMANYOK OSZTALYA. KOZLEMENYEI.  
Budapest, Hungary. Vol. 24, no. 1/4, 1959.

Monthly List of East European Accessions. (EEAI) LC Vol. 9, no. 2,  
Feb. 1960 Unclassified.

TARCZY-HORNOCZ, A.

Conversion of the Gauss-Krüger coordinates from one system to  
a neighboring one by means of several subsidiary points.  
Geod i kart 9 no.2:85-92 '60.

1. Członek rzeczywisty Węgierskiej Akademii Nauk, Budapest.

**TARCZY-HORNOCH, Antal, dr., akademikus**

On the transformation of the Gauss-Kruger coordinates with three  
connecting points. Geod.kart. 12 no.1;9-12 '60. (KRAI 9:5)  
(Map projection) (Coordinates)

TARCZY-HORNOCZ, Antal, dr., akademikus

Simple construction of the pedal curve of mean error ellipsis.  
Geod kart 12 no.3:159-165 '60.  
(EEAI 10:3)  
(Ellipse)

TARCZY-HORNOCH, Antal, dr.

Some further data on the activity of samuel Mikoviny. Geod kart 12  
no.3:190-193 '60.  
(Mikoviny, Samuel) (Cartographers, Slovak)

TARCZY-HORNOCZ, Antal, dr., akademikus

On the computation of interpolations combined with telemetry. Geod  
kart 12 no.4:233-236 '60, (EEAI 10:3)  
(Geodesy) (Interpolation) (Telemeter)  
(Distances--Measurement)

TARCZY-HORNOCH, A.

On point interpolation combined with the measuring of distance. Acta  
techn Hung 30 no.1/2:111-131 '60. (EEAI 10:1)

1. Mitglied der Ungarischen Akademie der Wissenschaften,  
Geodatisches Forschungslaboratorium der Ungarischen Akademie der  
Wissenschaften, Sopron.  
(Interpolation)

TARCZY-HORNOCH, A.; CZADECZKY-KARDOSS, Gy.

Band-to-band transformation of the Gauss-Kruger coordinates in the case  
of several junction points. Acta techn Hung 30 no.3/4:259-312 '60.

(EELI 10:4)

(Coordinates)

TARCZY-HORNOCZ, A.

Report of the Nagycenk Observatory (Hungary) on the results of earth current recordings in the two half years of 1958. Acta techn Hung 30 no.3/4:337-422 '60. (EEAI 10:4)

1. Mitglied der Ungarischen Akademie der Wissenschaften.  
(Hungary--Earth currents)

TARCZY-HORNOCZ, Antal, dr., akademikus

On the solution of spatial resection. Geod kart 13 no.2:73-88 '61.

TAROZY-HORNOCH, Antal, dr., akademikus

A simple meridian finder. Geod kart 13 no.3:153-158 '61.

TARCZY-HORNOCH, Antal, akademikus

Calculation of the magnetic declination of some spot on the basis of  
the magnetic declination of a reference station. Muzsaki kozl MTA 19  
no.1/4:391-397 '61.

1. Magyar Tudomanyos Akademia.

TARCZY-HORNOCH, Antal, akademikus

Determination of the error-spreading coefficients of longitudinal  
measurements by compensation. Muszaki kozl MTA 19 no.1/4:399-405  
'61.

1. Magyar Tudomanyos Akademia.

GELEJI, Sandor, akademikus; WINTER, Erno, akademikus; VADASZ, Elemer, akademikus; TARCZY-HORNOCZ, Antal, akademikus; SZECHY, Karoly; CSONKA, Pal, "muszaki tudomanyok doktora; HEVESI, Gyula, akademikus

An account of the work of the division of Technical Sciences of the Hungarian Academy of Sciences. Muszaki kozl MTA 31 no.1/4:13-43 '62.

1. Magyar Tudomanyos Akademia Muszaki Tudomanyok Osztalyanak titkara, es "A Magyar Tudomanyos Akademia Muszaki Tudomanyok Osztalyanak Kozlemenyei" szerkesztoje (for Geleji). 2. Magyar Tudomanyos Akademia levelezo tagja (for Szechy).. 3. Magyar Tudomanyos Akademia Muszaki Tudomanyok Osztalyanak elnöke (for Hevesi).

TARCZY-HORNOCH, Antal, akademikus; ALPAR, Gyula

On measuring with second levels. Muzsaki kozl MTA 31 no.1/48  
311-330 '62.

3.9410s

S/169/62/000/009/120/120  
D228/D307

AUTHOR: Tárczy-Hornoch, A.

TITLE: Report of the Nagicenk Observatory (Hungary) on earth current observations in 1959

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 9, 1962, 34, abstract 9G243 (Acta techn. Acad. scient. hung., 37, no. 1-2, 1961, 229-308 (Ger.))

TEXT: The daily meridional and latitudinal earth-current components, the activity characteristics (analogous to the K-index of magnetic activity), and tables of various types of disturbance are given, and all the experimental material is briefly described.

Abstracter's note: Complete translation. 7

VC

Card 1/1

TARCZY-HORNOCH, A.

On the solution of the problem of spatial three-point resection.  
Acta techn Hung 37 no.1-2:175-210. '61.

TARCZY-HORNOCZ, Antal, akademikus

Data on the International Geophysical Year. Magy tud 69  
no.2:87-95 F '62.

1. Igazgato, Magyar Tudomanyos Akademia Geodeziai es Geofizikai  
Kutato Laboratorium, Sopron.

TARCZY-HORNOCH, Antal, dr. Ing. h.c., dr., okleveles banyamernok, okleveles  
banyamerc-mernok, akademikus

Accuracy test and optimum weight distribution at mine orientation by  
means of the Hansen quadrangle. Bany lap 95 no.12:785-793 D '62.

1. Magyar Tudomanyos Akademia Geodesziai es Geofizikai Kutato  
Laboratoriumnak igazgatoja, Sopron.

TAROZY-HORNOCH, Antal, dr., dr. h.c.

Compensating intersection and resection according to a method  
based on conditional and intermediary observations. Geod kart  
15 no.1:1-14 '63.

TARCZY-HORNOCH, Antal, dr., dr.h.c., akademikus

Data on the compensation of intersections by measured lengths.  
Geol kart 1:5 no.2:86-88 '63.

TARCZY-HORNOCZ, Antal, dr., dr. h.c., akademikus

Possibilities for applying the compensation of conditional  
measurements with the unmeasured unknown. Geod kart 15 no.4:  
241-247 '63.

TARCZY-HORNOCH, Antal, dr., dr.h.c., akademikus

Compensation of quadrangles of longitudinal networks by means of  
coordinates and the method of conditional measurements. Geod.kart  
15 no.6:401-406 '63.

PITTER, Pal; ARKOS, Frigyes; HORVATH, Antal; DOMONY, Andras, dr.; LEVARDI, Ferenc, dr.; SELMECI, Bela; FEKETE, Sandor; MARTOS, Ferenc, dr.; MACSAY, Jozsef, okleveles gepeszmernok; TARCZY-HORNOCH, Antal, dr., akademikus, egyetemi tanar; CAGYI PALFFY, Andras, dr.; KICSINDI, Janos, okleveles kohomernok; HEINRICH, Jozsef, okleveles banyamernok

The 1963 general meeting of the Hungarian Association for Mining and Metallurgy. Koh lap 96 no. 6:241-264 Je '63.

1. Chairman, Division of Iron Metallurgy, Hungarian Association for Mining and Metallurgy (for Pitter).
2. Editor-in-Chief, "Kohaszati Lapok" (for Arkos).
3. Secretary, Division of Metallurgy, Hungarian Association for Mining and Metallurgy (for Horvath).
4. Editorial board member, "Kohaszati Lapok" (for Domony).
5. President, Hungarian Association for Mining and Metallurgy (for Levardi).
6. Secretary General, Hungarian Association for Mining and Metallurgy (for Selmecli).
7. Head, Auditing Commission, Hungarian Association for Mining and Metallurgy (for Fekete).
8. Head, Medal Commission, Hungarian Association for Mining and Metallurgy (for Martos).
9. Ozd Metallurgical Works, Ozd (for Macsay).
10. Esztergom Machine Tool Factory, Esztergom (for Kicsindi).

TARCZY-HORNOCH, Antal, akademikus

Coordinate calculation from one system to another by  
means of more connecting points. Muszaki kozl MTA 32  
no.1/4:331-340 '63.

1. Magyar Tudomanyos Akademia Geodeziai Kutato Laboratoriuma,  
Sopron.

TARCZY-HORNOCH, Antal, akademikus

Further remarks about the compensation of geodetic squares with longitudinal network by means of the method of least squares. Muszaki kozl MTA 32 no.1/4: 341-351 '63.

1. Magyar Tudomanyos Akademia Geodeziai Kutato Laboratoriuma, Sopron.

TARCZY-HORNOCH, Antal, akademikus

Determination of the compensating straight line fixed  
among more points, that is the large and small axes of the  
telluric station ellipsis. Muszaki kozl MTA 32 no.1/4:  
379-391 '63.

1. Magyar Tudomanyos Akademia Geofizikai Kutato Laboratoriuma,  
Sopron.

TARCZY-HORNOCH, Antal, dr., akadémikus

Story of a misunderstanding. Műsz. élet 19 no.27:5 31 B '64.

1. Director, Research Laboratories of Geodesy and Geophysics of  
the Hungarian Academy of Sciences, Sopron.

TARCZY-HORNOCH, Antal, dr. ing. h.c.dr., Kossuth-díjas akademikus  
(Sopron)

Geodetical and Geophysical Research Laboratories of the  
Hungarian Academy of Sciences in Sopron. Term tud kozl 8  
no.6:257-260 Je'64.

TARCZY-HORNOCH, Antal, dr. ing.h.c., dr., Kossuth-dijas akademikus  
(Sopron); VENDEL, Miklos, dr., Kossuth-dijas akademikus (Sopron)

Mineral water research in the vicinity of the Lake Ferto.  
Term tud kozl 8 no.6:280-282 Je'64.

TARCZY-HORNOCH, A.,

Determination of the adjusting straight line within several points  
and the major and minor axes of the telluric station ellipse.  
Acta techn Hung 47 no. 1/2:213-227 '64.

Adjustment of the network of measured sides by coordinates  
using the method of conditional observations. Ibid.:241-256

1. Member of the Hungarian Academy of Sciences.

TARCZY-HORNOCZ, Antal, dr. ing., h.c. dr., okleveles banyamernök, akadémikus

Precise compensation of connecting triangles. Bány lap 97 no.8:  
521-523 Ag '64.

1. Director, Research Laboratories of Geodesy and Geophysics,  
Hungarian Academy of Sciences, Sopron.

TARCZY-HORNOCZ, Antal, dr., dr. h.c., akademikus

Compensation of longitudinal network quadrilaterals by means  
of algebraic functions. Geod kart 1:6 4:241-243 '64.

TARCZY-HORNOCZ, Antal, akademikus

Contribution to a precise adjustment of inserted polygonal lines.  
Műszaki kozl. MTI 34, no. 4: 343-358 '65.

1. Submitted April 3, 1964.

TARCZY-HORNOCH, Antal, akadémikus

An account of the 3d International Measurement Conference  
held in Stockholm. Magy tud 72 no.2:127-129 F '65.

1. Director, Research Laboratory of Geodesy and Geophysics of  
the Hungarian Academy of Sciences, Sopron.

L 30184-66

ACC NR: AT6020308

SOURCE CODE: HU/2504/65/052/01-1/0225/0236

AUTHOR: Tarczy-Hornoch, A.—Tartsi-Gornokh, A.; Alpar, G.—Al'par, D.

26

B+1

ORG: none

TITLE: Determination and accuracy of inclination angles measured with the aid of the seconds level

SOURCE: Academiae scientiarum hungaricae. Acta technica, v. 52, no. 1-2, 1965, 225-236

TOPIC TAGS: geodetic instrument, geodesy

ABSTRACT: The authors refute the criticisms made by Schadlich, M., in his article published Ibid., v. 52, no. 1-2, 1965, 221-224 (same issue, preceding article). They point out that the statements made in their article "Precise determination of inclination angles with the aid of the seconds level", published Ibid., v. 47, 1964, p. 397, are correct and submit further substantiation in this respect. [Orig. art. in German.]  
[JPRS]

SUB CODE: 08 / SUBM DATE: 11May65 / ORIG REF: 003 / OTH REF: 007  
SOV REF: 001

Card 1/1 CC

L 34352.68

ACC NR: AT6021156

SOURCE CODE: HU/2504/65/050/000/0377/0382

17

B+1

AUTHOR: Tarjan, G.---Tar'yan, G. (Corresponding member MTA)

ORG: none

TITLE: Enriching of coal sludge by in-series connected hydrocyclones

SOURCE: Academia scientiarum hungaricae. Acta technica, v. 50, 1965, 377-382

TOPIC TAGS: coal, mining engineering

ABSTRACT: From approximately 3% to approximately 10% of the quantity of coal mined in Hungary consists of small-particle size dust which is removed by washing. A method was described for the recovery of this dust from the sludge with the aid of hydrocyclones connected in series. The technique, described in some detail, eliminates the need for more costly enriching processes, such as flotation, and permits the recovery of products that can be used in the manufacture of briquets. Orig. art. has: 5 figures and 6 tables. [Orig. art. in Eng.] [JPRS]

SUB CODE: 08, 21 / SUBM DATE: 03Jan64

Card 1/1 CC

L 35946-66

ACC NR: AP6027402

SOURCE CODE: HU/0017/66/000/002/0077/0081

AUTHOR: Tarczy-Hornoch, Antal (Doctor)

20

ORG: none

B

TITLE: Resection with the distance measured between the points to be determined

SOURCE: Geodezja es kartografia, no. 2, 1966, 77-81

TOPIC TAGS: measurement, plane geometry

ABSTRACT: Additional methods for achieving the aim described by KASL [initial(s) not given] in Geod. Obzor, 1963, pp 231-235 were described. These methods are simpler for resecting with the distance measured between the points to be determined than is the conventional method involving Cassini-type auxiliary points. The methods employ one auxiliary point only, used in conjunction with an auxiliary angle. Examples were presented and discussed. Orig. art. has: 5 figures and 21 formulas. [JPRS: 36,457]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 003

Card 1/1

INC: 528 412

CHODAKOWSKI, Antoni Mieczyslaw; TARCZYNSKA, Irena

Determination of tropine alkaloids in the presence of  
papaverine in prescription form. Pt. 1. Farmacja Pol  
20 no. 3/4: 86-88 25 F '64.

1. Katedra Farmacji, Studium Doskonalenia Lekarzy,  
Akademia Medyczna, Warszawa. Kierownik: dr farm.  
J. Kubalski,

TARCZYNSKA-KUBIN, Halina; CZACHOROWSKA-WROBLEWSKA, Monika

A case of Bourneville's disease. Pediat. pol. 39 no. 1-2 1964

I. z Kliniki Neurologii Instytutu Matki i Dziecka w Warszawie  
(Kierowniki: dr. med. D. Łukaszewicz-Kantowicz, Dyrektor: prof. dr.  
med. B. Gernicki) i z Oddziału Neurochirurgii Miejskiego Szpitala  
Zakaznego nr. 3 w Warszawie (Ordynator: dr. A. Gervow).

TARCZYNSKI, Kazimierz W.

Indicators for the determination of the characteristics  
of the covering of pile fabrics. Przegl wlokienn 16  
no.10:523-526 0 '62.

TARCZYNSKI, K.W.

Selection of length of fibers in fleece yarn for pile fabrics.  
Przegl wlokienn 16 no.11: 576-578 ■ '62.

STUDNIAREK, Marian; TARCZYNSKI, Kazimierz

Selected problems of determining the production capacity in  
decorative print material weaving mills. Pt. 1. Przegl  
wlokiem 17 no. 11:390-392 N '63.

TARCZYNSKI, Kazimierz; STUDNIAREK, Marian

Selected problems of determining the production capacity of  
decorative cloth weaving mills. Pt.2. Przegl wlokiem 18 no.1:  
25-33 Ja'64

TARCZYNSKI, Stefan

Fauna of helminths in Suidae in Poland. Wiadomosci parazyt.,  
Warsz. 2 no.4:211-217 1956.

1. Z Zak. Paraz. i Chor. Inwazyj. SGGW w Warszawie.  
(SWINE, diseases,  
helminth infect. in Suidae in Poland (Pol))  
(HELMINTH INFECTIONS, epidemiology,  
in Suidae in Poland (Pol))

TARCZYNSKI, Stefan; SLUSARSKI, Wieslaw (Warszawa)

New data on distribution of *Wehrdickmansia cervipedis*  
(Wehr et Dickmans, 1935) Caballero, 1945 in Cervidae in  
Poland. *Wiadomosci parazytyczne*, Warsz. 2 no. 5 Suppl:163-164.  
1956.

1. Katedra Parazytologii i Chorob Inwazyjnych SSGW i Zaklad  
Parazytologii PAN.

(NEMETODE INFECTIONS, epidemiology,  
*Wehrdickmansia cervipedis* infect. in deer in Poland (Pol))

TARCZYNSKI, Stefan (Warszawa)

Studies on the morphology and developmental cycle of the European form of *Strongyloides ransomi* Schwartz et Alicat-1930. *Wiadomosci parazyty.*, Warsz. 2 no. 5 Suppl:167-168. 1956..

1. Katedra Parazytologii i Chorob Inwazyjnych SOOW.  
(STRONGYLOIDES,  
ransomi, morphol. & develop. cycle (Pol))

TARCZYNISKI, Stefan (Warszawa)

Parasitic worms in boars and hogs in Poland. Wiadomosci  
parazyt., Warsz. 2 no.5 Suppl:169-170 1956.

1. Katedra Parazytologii i Chorob Inwazyjnych SGOW.  
(HELMINTH INFECTIONS, epidemiology,  
in boars & swine in Poland (Pol))  
(SWINE, diseases,  
helminthiases in boars & swine in Poland (Pol))

TARCZYNSKI, Stefan

Migrating parasitic larvae as a cause of non-specific human diseases.  
Wiedomosci parazyt, Warsz. 3 no.6:597-602 1957.  
(ASCARIASIS, complications,  
migrating larvae causing non-specific dis. (Pol))

720. ABOUT THE SELF-DEPENDENCE OF THE SPECIES ECHINOCOCCUS  
MULTILOCULARIS LEUCKART, 1863 - O samodzielności gatunku Echino-  
coccus multilocularis Leuckart, 1863 - Tarczyński S. - WIAD. PARA-  
ZYT. 1058, 4/2 (109-119) Tables 2 Illus. 5

The author discusses the history of investigations on the species *Echinococcus multilocularis* Leuckart, 1863, referring to the literature. He quotes morphological and biological data, on the basis of which *Echinococcus multilocularis* Leuckart, 1863, may be considered as an independent species.

**TARCZYNSKI, Stefan**

Studies on Ascaris invasions in pigs. I. Conditions favorable for incubation of Ascaris suum Goeze, 1782 in the external environment; preliminary communication. Wiadomosci parazyt., Warsz. 4 no.5-6:573-574; Engl. transl. 574-575 1958.

1. Z Zakladu Parazytologii i Chorob Inwazyjnych Sydzialu Weterynaryjnego SGGW w Warszawie.

(ASCARIS,  
suis, incubation (Pol))

KOTRLY, Alois; TARCZYNSKI, Stefan

Filarinae Stiles, 1907 in the subcutaneous tissue of deer *Cervus elaphus* L. in Poland and Czechoslovakia and its taxonomical position. Wiadomosci parazyty., Warsz. 4 no.5-6:721; Engl. transl. 722 1958.

1. Vyskumny Ustav Lesa a Myslivosti Cs1. AZV Zbraslav i z Zakladu Parazytologii i Chor. Inw. SOGW w Warszawie.

(FILARIASIS,

Filarinae infect. of deer (Pol))

(ANIMALIS, dis.

deer, Filarinae infect (Pol))

TARCZYNSKI, STEFAN

Robaki pasozytnicze i wywoływanie przez nie robaczyce świń.

Warszawa, Poland, Państwowe Wydawn. Naukowe, 1959. 318 p.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.  
Unci.

STEFANSKI, Witold; TARCZYNSKI, Stefan (Warszawa)

Achievements and prospects of further development of the Polish veterinary  
parasitology. Rocznik rolnikow wet. 70 no.1/4:178-190 '60.  
(EEAI 10:9)

(Veterinary medicine) (Parasitology)

TARCZYNSKI, Stefan

On the variability of the population structures of *Oesophagostomum dentatum* Rudolphi, 1803, in relation to invasion intensity, host species and existence conditions. *Wiadomosci parazyt.* 7 no.2: 297-303 '61.

1. Katedra Parazytologii i Chorob Inwazyjnych Wydz. Wet. SGGW,  
Warszawa.

(HOOKWORMS INFECTION veterinary)  
(SWINE parasitol)

TARCZYNSKI, Stefan

Biocoenological studies on the invasion with *Oesophagostomum dentatum* Rudolphi 1803 in domestic swine and wild boars. *Acta parasit Pol* 9 no.22/30:447-461 '61.

1. Department of Parasitology and Parasitic Diseases, Agricultural College of Warsaw. Head: Prof., dr. Witold Stefanski. Author's address: Katedra Parazytolodii Szkoly Glownej Gospodarstwa Wiejskiego Warszawa, Grochowska 272.

TARCZYNSKI, Stefan

Pathogenesis of invasive diseases in the light of the theory of stress.  
Wiad. parazyt. 8 no.5:505-524 '62.

1. Katedra Zootwierzygieny WSR, Olsztyn-Kortowo.  
(PARASITIC DISEASES) (STRESS)

TARCZINSKI, Stefan

Investigations on parasitic stress in the course of experimental larval  
ascaridosis (A. suum). Acta parasit Pol 10 no.12/20:177-192 '62.

1. Katedra Zochigieny, Wyższa Szkoła Rolnicza, Olsztyn-Kortowo.

TARCZYNSKI, Stefan

Vitamins and invasion by parasites. Wiad. parazyt. 9 no.1:17-29  
'63.

1. Katedra Zochigieny WSR, Olsztyn-Kortowo.  
(PARASITIC DISEASES) (VITAMIN A) (ASCORBIC ACID)  
(VITAMIN B COMPLEX) (VITAMIN D)

JABLONOWSKI, Zbigniew; SZEPELSKI, Leszek; TARCZYNSKI, Stefan

Vitamin balance studies in the course of parasitic invasion. I.  
Vitamin C content in the body of *Fasciola hepatica* L., *Taenia*  
*hydatigena* Pall. (larvae), *Echinococcus granulosis* Batsch (larvae)  
and *Ascaris suum* Goeze. *Wiad. parazytol.* 10 no. 4:284-285 '64

1. Katedra Zoohigieny Wyższej Szkoły Rolniczej, Olsztyn -  
Kortowo.

JABLONOWSKI, Zbigniew; TARCZYNSKI, Stefan

Vitamin balance studies in the course of parasitic invasion. II  
Survey of vitamin C content in various parenchymatous organs of  
the host. Wiad. parazyt. 10 no.4:286-288 '64

1. Katedra Zoohigieny Wyższej Szkoły Rolniczej, Olsztyn -  
Kort. o.

TARCZYNSKI, Stefan; PODKOWKA, Witold

Studies on the effect of green silages and dried hay on the viability and infectivity of metacercariae from sheep liver rot (*Fasciola hepatica* L.). I. Metacercariae in silages. *Wied. parazy.* 10 no.4:474-475 '64

1. Katedra Zoohigieny i Katedra Zycienia Zwierzat Wyższej Szkoły Rolniczej, Olsztyn.

TARCZYNSKI, Stefan; PODKOWKA, Witold

Effect of ensilage of green roughage and drying of hay on  
viability and infectivity of *Fasciola hepatica* metacercariae.  
Pt.1. *Acta parasit Pol* 12 no.19:201-208 '64.

1. Department of Zoolhygiene of the School of Agriculture,  
Olsztyn-Kortowo.

JABLONOWSKI, Zbigniew; SZEPELSKI, Leszek; TARCZYNSKI, Stefan

Studies on the vitamin balance in parasitic infections.  
Pt.1. Acta parasit Pol 12 no.19:209-213 '64.

1. Department of Zoohygiene of the School of Agriculture,  
Olsztyn-Kortowo.

TARCZYNSKI, Stefan, doc. dr

Has it been profitable to breed parasites? Problemy 20  
no. 9:534-538 '64.

1. Head, Department of Zoology, Division of Animal  
Breeding, School of Agriculture, Olsztyn, and Chairman,  
Olsztyn Branch, Polish Parasitological Society.

TARCZYNSKI, Stefan, doc. dr

A parasitological convention. Problemy 20 no.11:697-698 '64.

TARCZYNSKI, Stefan

Review of scientific advances in Polish veterinary parasitology  
during 1961-1964. Wiad. parazyt. 11 no.1:47-65 '65

1. Katedra Zochigieny Wydzialu Hodowli Zwierzat Wyzszej Szkoły  
Rolniczej, Olsztyn.

POLAND

TARCZYNKI, Stefan; and SZEPELSKI, Leszek, Department of Applied Biology of the Agricultural College (Instytut Biologii Stosowanej WSR) Director (Dyrektor) Docent Dr. Tarczynski; Chair of Zoolgy (Katedra Zooligii) Head (Kierownik) Docent Dr. Stefan Tarczynski; and Regional Institute of Veterinary Hygiene (Wojewodzki Zaklad Higieny Weterynaryjnej) Head (Kierownik) Veterinarian (lek. wet.) Irena Flis; Olsztyn

"Zoohygienic Aspects of Combating Fascioliasis in Ruminants in the Warmian and Mazurian Provinces. Analysis of Environmental Conditions and their Effect on the Spread of an Invasion of *Fasciola hepatica*"

Lublin, Medycyna Weterynaryjna, Vol 22, No 9, Sep 1966; p. 513-517

Abstract: Review of data on fascioliasis in sheep and cattle in the Olsztyn Wojewodztwo; reports of Incidence 1961 to 1965 according to four different sources in each of the three powiaty of the region; effect of climate, marshes and rivers, role of various vectors especially the marsh bird *Galba truncatula* (O.F. Muller). 2 tables, 8 maps, 12 Polish references.

TARDOV, B.N., kand. tekhn. nauk.

Relation between the moment of gyration and specific rotation energy  
of a hydraulic generator and its ratings. Vest. mash. 38 no.3:28-29  
Mr '58.

(Hydroelectric power stations)

(MIRA 11:2)

TARDOV, Boris Nikolayevich; MIKHALEV, B.N., red.; SHIROKOVA, M.M.,  
tekhn.red.

[General geometry of the turbogenerators of operating  
hydroelectric power stations; fundamental principles of the  
development of turbogenerator manufacture] Obezhchaja geometrija  
gidrogeneratorov deistvuiushchikh gidroelektricheskikh stantsii;  
osnovnye zakonomernosti rasvitiia gidrogeneratorostroeniia.  
Moskva, Gos.energ.izd-vo, 1962. 174 p.  
(Turbogenerators) (MIRA 15:5)



L 14273-66 EWT(1)/FS(v)-3 SCTB DD/RD

ACC NR: AT6003841

SOURCE CODE: UR/2865/65/004/000/0070/0074

AUTHOR: Tardov, V. M.; Ustyushin, B. V.; Orlov, S. F.

ORG: none

TITLE: The problem of human resistance to briefly-acting angular accelerations of large magnitudes

SOURCE: AN SSSR. Otdeleniye biologicheskikh nauk. Problemy kosmicheskoy biologii, v. 4, 1965, 70-74

TOPIC TAGS: space physiology, EKG, cardiovascular system, EEG, man, vestibular apparatus, vestibular effect, biologic acceleration effect, psychologic stress

ABSTRACT: The effect of + 30— 90 G/sec<sup>2</sup> was studied using 6 healthy male subjects 22-25 yr. of age. A special device constructed by V. V. Dobrynin, was used which consisted of a chair, power shock absorbers with a stress system, an actuating and automatic braking system, and counters which registered rotation duration, turning angle, and tangential force. The actuating and braking system permitted positive and negative angular accelerations with a duration of 0.2 sec. The magnitude of acceleration

Card 1/3

32  
B1

L.14273-66

ACC NR: AT6003841

in 56 tests was gradually increased from 30 G/sec<sup>2</sup> to 90 G/sec<sup>2</sup>.

Rotation took place around the longitudinal axis of the body.

The following physiological indices were studied: ~~electromyogram~~, EKG, arterial pressure, respiration rate, and EEG. Subjective illusions during rotation were characteristic of those experienced when the semi-circular canals are stimulated.

The cardiovascular system reacted sharply to short-term rotation, reflected in an increase in pulse rate after the chair had been stopped. In some cases, after exposure to  $\pm$  30—90 G/sec, the rate was 125 beats/min, quickly returning to normal and sometimes subnormal levels. Systolic and diastolic pressure was increased. EKG's showed a parallelism with the above indices: The QT interval shortened as pulse rate increased, returning to normal 10—15 min later. The systolic EKG index increased by 10—15% as pulse rates increase, but quickly returned to normal. Spike voltage was unaltered in all tests. Like cardiac activity, the respiration rate also increased immediately after exposure, quickly returning to normal levels.

Card 2/3

L 14273-66

ACC NR: AT6003841

An examination of EEG's showed an increase in the amplitude and content of high-frequency rhythms (greater than 20 cps) immediately after exposure to rotation. This reflected a predominance of excitatory processes taking place in the CNS at this time.

It is observed that the reactions of the organism to short-term rotations were not specific and were attributed to neuropsychic responses, i. e., to emotional strains such as those encountered in catapult tests. This was substantiated in a test in which a subject was given a false command that the chair was ready to revolve and did not. The same physiological reactions as those observed during rotation occurred, though not to as great a degree. Orig. art. has: 5 figures. [ATD PRESS: 4091-F]

SUB CODE: 06 / SUBM DATE: none

GC

Card 3/3

ACC NR: A10036671

SOURCE CODE: UR/0000/66/000/000/0361/0363

AUTHOR: Tardov, V. M.

ORG: none

TITLE: Problem of human tolerance to briefly-acting rotations at high angular accelerations and high speeds [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24-27 May 1966]

28  
2+1

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 361-363

TOPIC TAGS: space medicine, space physiology, human physiology, biologic acceleration effect, cardiovascular system, electrocardiography

ABSTRACT:

The present study considered human resistance to brief (0.2 and 0.25 sec) angular accelerations with magnitudes equivalent to those experienced during emergency abandonment of space capsules and aircraft. Two series of experiments were conducted. In the first series, rotation around the transverse axis "side-side" close to the center of gravity of the subject was tested. In the second series, rotation around the longitudinal axis of the body passing vertically between temporal bone pyramids

Card 1/3

L 08849-67

ACC NR: A16036671

was tested. The acceleration (speedup) curve was close to the deceleration (braking) curve.

The experiment showed that angular acceleration around the transverse axis led to weight illusions and organic disorders at magnitudes of  $80^\circ 1/\text{sec}^2$  (0.2 sec acceleration/deceleration) and  $65^\circ 1/\text{sec}^2$  (0.25 sec acceleration/deceleration). These disorders, indicating the upper limits of good tolerance, were characterized by the appearance of dark or light spots in the visual field, illusions of blood pooling in the head, and facial hyperemia. Angular rate appeared to be almost identical in terms of magnitude and duration of action for the two values given above. The maximum fluctuation value for 0.1 sec was within  $14-16^\circ 1/\text{sec}$ . As a result, acceleration, based on angular rate computations, was nearly identical (about 18 G at the level of the head during pelvis-head accelerations) for both speedup variants (0.2 and 0.25 sec). This led to the hypothesis that acceleration, not angular rate, was the limiting factor under the described conditions. This was later confirmed by the fact that during rotation around the longitudinal axis, which produced small accelerations, no disorders were noted even at rates of  $160^\circ 1/\text{sec}^2$  and  $130^\circ 1/\text{sec}^2$  when the duration of speedup was 0.2 and 0.25 sec and the

Card 2/3

ACC NR: AT6036671

angular rate at the end of the speedup was  $\omega \approx 32^\circ$  1/sec.

In both series of experiments, vestibular disorders were lacking and nystagmus was not registered. Therefore, short-term stresses acting on the semicircular canals of the labyrinth appear to be a weak irritant to the vestibular analyzer even at substantial angular accelerations. This is apparently due to decreased friction of endolymph along the walls of the semicircular canals during short-term, high-speed rotation.

Physiological shifts characteristic of this type of parameter were noted during the experiments: temporary increase in pulse and respiration rate; increased arterial pressure; and lowered T-spike voltage (EKG) during pulse-rate increase, followed by a brief increase when the pulse rate returned to normal. [W.A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

ns  
Card 3/3

KHENKIN, M.L.; LEVINA, N.K.; SPEKTOROVA, S.I.; ABRAMOV, V.I.; GRISHCHENKO,  
V.G.; Prinimali uchastiye: IVANOVA-EMIN, M.P.; GERASIMOVA, I.I.;  
TARDOVA, L.G.

Investigating some foundry alloys for high precision parts. Lit.  
(MIRA 18:9)  
proizv. no.3:27-31 Mr '64.

ENDREI, Walter; TARDY, Lajos

The ship of Todor Batthany. Elet tud 18 no.41:1300-1303  
13 0 '63.

TARDY, L.

Gyorgy Koritany. Orv.hetil. 100 no.34:1237-1238 Ag '59.  
(OPHTHALMOLOGY hist.)  
(BIOGRAPHIES)

TARDY, L.

Jeno Hamburger (31 May 1883 - 14 December 1936). Orv. hetil. 104  
no.24:1132-1133 16 Je '63.  
(BIOGRAPHIES)

TARDY, L.

Tivadar Csontvary, Orv. hetil. 104 no.26:1237-1238 Je 30 '63.

(BIOGRAPHIES) (PHARMACY)

SCHULTHEISZ, E. TARDY, L.

Pal Gyongyossi, physician and philologist. Orv. hetil. 105  
no.30:1425-1427 26 Jl '64

SCHULTHEISZ, Emil, dr.: TARDY, Lajos, dr.

Italian physicians in Hungary. Orv. hetil. 106 no.14:659-660  
4 Ap '65

SCHULTHEISZ, Emil, dr.; TARDY, Lajos, dr.

Water conduits, street sweeping, canalization, baths, flats  
in medieval cities; hygiene 700 years ago. Elet tud 20 no.9:  
387-392 5 Mr '65.

L 47243-66 T/EWP(t)/ETI IJP(c) JD

ACC NR: AF034295

SOURCE CODE: HU/0014/66/000/006/0267/0269

AUTHOR: Kisfaludy, A. (Graduate metallurgical engineer); Tardy, Pal (Graduate metallurgical engineer) 22

ORG: Research Institute for the Iron Industry (Vasipari Kutato Intezet) B

TITLE: Microscopic examination of the ferromagnetic phases of alloys ✓

SOURCE: Budapest, Kohaszati Lapok, vol 99, no 6, Jun 1966, pp 267-269

TOPIC TAGS: ferromagnetic property, metallography

ABSTRACT The method described is based on placing the metallographically polished specimen in a magnetic field and spreading a suspension containing ferromagnetic particles on the polished surface. On the effect of the magnetic excitation the suspended, dark-colored particles will leave the non-ferromagnetic phases free and will concentrate on the ferromagnetic phases. Thus, the structure, based on permeability, will be highlighted. Observation may be made by a metallurgical microscope or other suitable or suitably modified viewing instrument. The techniques involved in the method were described and illustrated.

Orig. art. has: 5 figures [JPRS: 36,867]

SUB CODE: 11,20 / SUBM DATE: none / OTH REF: 001

Card 1/1 gd

UDC: 669.15.74-198:620.18

TARCZY-HORNOCZ, A.

Jordan, Egert, and Kneissl's Handbook of Surveying; a book review. p. 261  
(Geodezia es Kartografija Vol. 8, no. 3, 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

TARCZY-HORNOK, A.

Division of the trapezoid. p.277.  
(Geodezia es Kartografia, Vol. 8, no. 4, 1956, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 9, Sept. 1957. Uncl.

TARCZY-HORNOCZ, A.

The 1956 Congress of the International Society of Photogrammetry held in Stockholm. p. 73.  
(GEODEZIA ES HARTOGRAFIA. Vol. 9, no. 1/2, 1957, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.  
Uncl.

19 024. 227-400. English, French, and Russian

THAC27-HORNOCZ

3. On angle prisms used in surveying. (In German) A.  
Tarczy-Hornoch. Acta Technica Academiae  
Scientiarum Hungaricarum. Vol. 19, 1957, No. 1-2, pp.  
127-154, 43 figs.

All possible types of angle prisms used in surveying are expounded. The angle of reflection of angle prisms operating with twice reflected light is half of the angle to be laid out, its angle of refraction is, on the other hand, equal to the angle to be laid out or to its supplemental angle. With this limitation quite a number of angle prisms are found suitable for laying out angles of 90°, 45° and 180° among them may be found some not yet dealt with in literature. Alignments can also be effected and right angles laid out without using a point of reference with an adequately designed single prism instead of the hitherto used double prism.

EE

TARCZY-HORNOCZ, A.

Determining the azimuth and latitude by a new method based on the observations of a star. Tr. from the English. p. 321.  
(KOZLEMENYEI, Vol. 21. nö, 1/4, 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EE(L) IC. Vol. 6, no. 12, Dec. 1957.  
Uncl.

TARCZY-HORNOCH, A.

Authenticity of values calculated on the basis of geophysical measurements.  
Tr. from the German. p. 331.  
(KOZLEMENYEI, Vol. 21, no. 1/4, 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.  
Uncl.

TARCZY-HORNICK, A.

Opening address at the International Conference on Measurement Technique.  
p. 327.

MERES ES AUTOMATIKA. (Meresteknikai es Automatizalasi Tudomanyos  
Egyesulet) Budapest, Hungary. Vol 6, no. 11/12, 1958.

July  
Monthly list of East European Accessions (EEAI) LC, vol. 8, no. 2, 1959.

Uncl.

TARCZY-HORNOCZ, A.

Further studies on the compensation of the continental triangulation network. p. 206

GEODEZJA I KARTOGRAFIA. (Polska Akademia Nauk. Komitet Geodezji)  
Warsawa. Vol. 7, no. 4, 1958  
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959  
Uncl.

TARCZAY-HORNOCZ, A.

Science

"GEODEZIA ES KARTOGRAFIA"

Compensation of continental networks. p. 253

Vol. 10, No. 4, 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 4, April 1959  
Unclassified

TAROZY-HORNOCH, A.

Further information on the adjustment of the continental triangulation network; also, remark by F. Kuska, In German, p. 9.

ACTA TECHNICA. (MAGYAR TUDOMANYOS AKADEMIA) Budapest, Hungary.  
Vol. 23, no 1/3, 1959

Monthly list of East European Accessions (EEAI). Iu. Vol. 9, no. 1, Jan., 1960.

Uncl.

TARCZY-HORNOCZ, A.

Results of observations at the Geophysical Observatórias set up near Nagycenk from June to December, 1957. In German. p. 307.

ACTA TECHNICA (Magyar Tudományos Akadémia) Budapest, Hungary.  
Vol. 23, no. 1/3, 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960  
Uncl.

TARCZY-HORNOCZ, A.

Investigation of highly-sensitive level indicator; also, remarks by E. Regoczi. p.287.

Magyar Tudomanyos Akademia. Muszaki Tudomanyok Osztalya. KÖZLEMÉNYEL. Budapest, Hungary. Vol. 23, no. 3/4, 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959  
Uncl.

TARCZY-HORNOCZ, A.

Computation of mean-error ellipse by simple precut. p.261.

MAGYAR TUDOMANYOS AKADEMIA. MUSZAKI TUDOMANYOK OSZTALYA. KOZLEMENYEI.  
Budapest, Hungary. Vol. 24, no. 1/4, 1959.

Monthly List of East European Accessions. (EEAI) LC Vol. 9, no. 2,  
Feb. 1960 Unclassified.

TARCZY-HORNOCH, A.

On the equalization of measured side-length geodetic quadrangles according to  
the method of the smallest squares. p. 291.

MAGYAR TUDOMANYOS AKADEMIA. MUSZAKI TUDOMANYOK OSZTALYA. KOZLEMENYEI.  
Budapest, Hungary. Vol. 24, no. 1/4, 1959.

Monthly List of East European Accessions. (EEAI) LC Vol. 9, no. 2,  
Feb. 1960 Unclassified.

TARCZY-HORNOCZ, A.

Conversion of the Gauss-Krüger coordinates from one system to  
a neighboring one by means of several subsidiary points.  
Geod i kart 9 no.2:85-92 '60.

1. Członek rzeczywisty Węgierskiej Akademii Nauk, Budapest.

**TARCZY-HORNOCH, Antal, dr., akademikus**

On the transformation of the Gauss-Kruger coordinates with three  
connecting points. Geod.kart. 12 no.1;9-12 '60. (KRAI 9:5)  
(Map projection) (Coordinates)

TARCZY-HORNOCZ, Antal, dr., akademikus

Simple construction of the pedal curve of mean error ellipsis.  
Geod kart 12 no.3:159-165 '60. (EEAI 10:3)  
(Ellipse)

TARCZY-HORNOCH, Antal, dr.

Some further data on the activity of samuel Mikoviny. Geod kart 12  
no.3:190-193 '60.  
(Mikoviny, Samuel) (Cartographers, Slovak)

TARCZY-HORNOCZ, Antal, dr., akademikus

On the computation of interpolations combined with telemetry. Geod  
kart 12 no.4:233-236 '60, (EEAI 10:3)  
(Geodesy) (Interpolation) (Telemeter)  
(Distances--Measurement)

TARCZY-HORNOCH, A.

On point interpolation combined with the measuring of distance. Acta  
techn Hung 30 no.1/2:111-131 '60. (EEAI 10:1)

1. Mitglied der Ungarischen Akademie der Wissenschaften,  
Geodatisches Forschungslaboratorium der Ungarischen Akademie der  
Wissenschaften, Sopron.  
(Interpolation)

TARCZY-HORNOCH, A.; CZADECZKY-KARDOSS, Gy.

Band-to-band transformation of the Gauss-Kruger coordinates in the case  
of several junction points. Acta techn Hung 30 no.3/4:259-312 '60.

(EELI 10:4)

(Coordinates)

TARCZY-HORNOCZ, A.

Report of the Nagycenk Observatory (Hungary) on the results of earth current recordings in the two half years of 1958. Acta techn Hung 30 no.3/4:337-422 '60. (EEAI 10:4)

1. Mitglied der Ungarischen Akademie der Wissenschaften.  
(Hungary--Earth currents)

TARCZY-HORNOCZ, Antal, dr., akademikus

On the solution of spatial resection. Geod kart 13 no.2:73-88 '61.

TAROZY-HORNOCH, Antal, dr., akademikus

A simple meridian finder. Geod kart 13 no.3:153-158 '61.

TARCZY-HORNOCH, Antal, akademikus

Calculation of the magnetic declination of some spot on the basis of  
the magnetic declination of a reference station. Muzsaki kozl MTA 19  
no.1/4:391-397 '61.

1. Magyar Tudomanyos Akademia.

TARCZY-HORNOCH, Antal, akademikus

Determination of the error-spreading coefficients of longitudinal  
measurements by compensation. Muszaki kozl MTA 19 no.1/4:399-405  
'61.

1. Magyar Tudomanyos Akademia.

GELEJI, Sandor, akademikus; WINTER, Erno, akademikus; VADASZ, Elemer, akademikus; TARCZY-HORNOCZ, Antal, akademikus; SZECHY, Karoly; CSONKA, Pal, ~~az~~ muszaki tudomanyok doktora; HEVESI, Gyula, akademikus.

An account of the work of the division of Technical Sciences of the Hungarian Academy of Sciences. Muszaki kozl MTA 31 no.1/4:13-43 '62.

1. Magyar Tudomanyos Akademia Muszaki Tudomanyok Osztalyanak titkara, es "A Magyar Tudomanyos Akademia Muszaki Tudomanyok Osztalyanak Kozlemenyei" szerkesztoje (for Geleji). 2. Magyar Tudomanyos Akademia levelezo tagja (for Szechy).. 3. Magyar Tudomanyos Akademia Muszaki Tudomanyok Osztalyanak elnöke (for Hevesi).

TARCZY-HORNOCH, Antal, akademikus; ALPAR, Gyula

On measuring with second levels. Muzsaki kozl MTA 31 no.1/48  
311-330 '62.

3.9410s

S/169/62/000/009/120/120  
D228/D307

AUTHOR: Tárczy-Hornoch, A.

TITLE: Report of the Nagicenk Observatory (Hungary) on earth current observations in 1959

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 9, 1962, 34, abstract 9G243 (Acta techn. Acad. scient. hung., 37, no. 1-2, 1961, 229-308 (Ger.))

TEXT: The daily meridional and latitudinal earth-current components, the activity characteristics (analogous to the K-index of magnetic activity), and tables of various types of disturbance are given, and all the experimental material is briefly described.

Abstracter's note: Complete translation. 7

VC

Card 1/1

TARCZY-HORNOCH, A.

On the solution of the problem of spatial three-point resection.  
Acta techn Hung 37 no.1-2:175-210. '61.

TARCZY-HORNOCZ, Antal, akademikus

Data on the International Geophysical Year. Magy tud 69  
no.2:87-95 F '62.

1. Igazgato, Magyar Tudomanyos Akademia Geodeziai es Geofizikai  
Kutato Laboratorium, Sopron.

TARCZY-HORNOCH, Antal, dr. Ing. h.c., dr., okleveles banyamernok, okleveles  
banyamérnök, akadémikus

Accuracy test and optimum weight distribution at mine orientation by  
means of the Hansen quadrangle. Bany lap 95 no.12:785-793 D '62.

1. Magyar Tudományos Akadémia Geodéziai és Geofizikai Kutató  
Laboratoriumnak igazgatója, Sopron.

TAROZY-HORNOCH, Antal, dr., dr. h.c.

Compensating intersection and resection according to a method  
based on conditional and intermediary observations. Geod kart  
15 no.1:1-14 '63.

TARCZY-HORNOCH, Antal, dr., dr.h.c., akademikus

Data on the compensation of intersections by measured lengths.  
Geol kart 1:5 no.2:86-88 '63.

TARCZY-HORNOCZ, Antal, dr., dr. h.c., akademikus

Possibilities for applying the compensation of conditional  
measurements with the unmeasured unknown. Geod kart 15 no.4:  
241-247 '63.

TARCZY-HORNOCH, Antal, dr., dr.h.c., akademikus

Compensation of quadrangles of longitudinal networks by means of  
coordinates and the method of conditional measurements. Geod.kart  
15 no.6:401-406 '63.

PITTER, Pal; ARKOS, Frigyes; HORVATH, Antal; DOMONY, Andras, dr.; LEVARDI, Ferenc, dr.; SELMECI, Bela; FEKETE, Sandor; MARTOS, Ferenc, dr.; MACSAY, Jozsef, okleveles gepeszmernok; TARCZY-HORNOCH, Antal, dr., akademikus, egyetemi tanar; CAGYI PALFFY, Andras, dr.; KICSINDI, Janos, okleveles kohomernok; HEINRICH, Jozsef, okleveles banyamernok

The 1963 general meeting of the Hungarian Association for Mining and Metallurgy. Koh lap 96 no. 6:241-264 Je '63.

1. Chairman, Division of Iron Metallurgy, Hungarian Association for Mining and Metallurgy (for Pitter).
2. Editor-in-Chief, "Kohaszati Lapok" (for Arkos).
3. Secretary, Division of Metallurgy, Hungarian Association for Mining and Metallurgy (for Horvath).
4. Editorial board member, "Kohaszati Lapok" (for Domony).
5. President, Hungarian Association for Mining and Metallurgy (for Levardi).
6. Secretary General, Hungarian Association for Mining and Metallurgy (for Selmecli).
7. Head, Auditing Commission, Hungarian Association for Mining and Metallurgy (for Fekete).
8. Head, Medal Commission, Hungarian Association for Mining and Metallurgy (for Martos).
9. Ozd Metallurgical Works, Ozd (for Macsay).
10. Esztergom Machine Tool Factory, Esztergom (for Kicsindi).

TARCZY-HORNOCH, Antal, akademikus

Coordinate calculation from one system to another by  
means of more connecting points. Muszaki kozl MTA 32  
no.1/4:331-340 '63.

1. Magyar Tudomanyos Akademia Geodeziai Kutato Laboratoriuma,  
Sopron.

TARCZY-HORNOCH, Antal, akademikus

Further remarks about the compensation of geodetic squares with longitudinal network by means of the method of least squares. Muszaki kozl MTA 32 no.1/4: 341-351 '63.

1. Magyar Tudomanyos Akademia Geodeziai Kutato Laboratoriuma, Sopron.

TARCZY-HORNOCH, Antal, akademikus

Determination of the compensating straight line fixed  
among more points, that is the large and small axes of the  
telluric station ellipsis. Muszaki kozl MTA 32 no.1/4:  
379-391 '63.

1. Magyar Tudomanyos Akademia Geofizikai Kutato Laboratoriuma,  
Sopron.

TARCZY-HORNOCH, Antal, dr., akadémikus

Story of a misunderstanding. Műsz. élet 19 no.27:5 31 D '64.

1. Director, Research Laboratories of Geodesy and Geophysics of  
the Hungarian Academy of Sciences, Sopron.

TARCZY-HORNOCH, Antal, dr. ing. h.c.dr., Kossuth-díjas akademikus  
(Sopron)

Geodetical and Geophysical Research Laboratories of the  
Hungarian Academy of Sciences in Sopron. Term tud kozl 8  
no.6:257-260 Je'64.

TARCZY-HORNOCH, Antal, dr. ing.h.c., dr., Kossuth-dijas akademikus  
(Sopron); VENDEL, Miklos, dr., Kossuth-dijas akademikus (Sopron)

Mineral water research in the vicinity of the Lake Ferto.  
Term tud kozl 8 no.6:280-282 Je'64.

TARCZY-HORNOCH, A.,

Determination of the adjusting straight line within several points  
and the major and minor axes of the telluric station ellipse.  
Acta techn Hung 47 no. 1/2:213-227 '64.

Adjustment of the network of measured sides by coordinates  
using the method of conditional observations. Ibid.:241-256

1. Member of the Hungarian Academy of Sciences.

TARCZY-HORNOCZ, Antal, dr. ing., h.c. dr., okleveles banyamernök, akadémikus

Precise compensation of connecting triangles. Bány lap 97 no.8:  
521-523 Ag '64.

1. Director, Research Laboratories of Geodesy and Geophysics,  
Hungarian Academy of Sciences, Sopron.

TARCZY-HORNOCZ, Antal, dr., dr. h.c., akademikus

Compensation of longitudinal network quadrilaterals by means  
of algebraic functions. Geod kart 1:6 4:241-243 '64.

TARCZY-HORNOCZ, Antal, akademikus

Contribution to a precise adjustment of inserted polygonal lines.  
Műszaki kozl. MTI 34, no. 4: 343-358 '65.

1. Submitted April 3, 1964.

TARCZY-HORNOCH, Antal, akadémikus

An account of the 3d International Measurement Conference  
held in Stockholm. Magy tud 72 no.2:127-129 F '65.

1. Director, Research Laboratory of Geodesy and Geophysics of  
the Hungarian Academy of Sciences, Sopron.

L 30184-66

ACC NR: AT6020308

SOURCE CODE: HU/2504/65/052/01-1/0225/0236

AUTHOR: Tarczy-Hornoch, A.—Tartsi-Gornokh, A.; Alpar, G.—Al'par, D.

26

B+1

ORG: none

TITLE: Determination and accuracy of inclination angles measured with the aid of the seconds level

SOURCE: Academiae scientiarum hungaricae. Acta technica, v. 52, no. 1-2, 1965, 225-236

TOPIC TAGS: geodetic instrument, geodesy

ABSTRACT: The authors refute the criticisms made by Schadlich, M., in his article published Ibid., v. 52, no. 1-2, 1965, 221-224 (same issue, preceding article). They point out that the statements made in their article "Precise determination of inclination angles with the aid of the seconds level", published Ibid., v. 47, 1964, p. 397, are correct and submit further substantiation in this respect. [Orig. art. in German.]  
[JPRS]

SUB CODE: 08 / SUBM DATE: 11May65 / ORIG REF: 003 / OTH REF: 007  
SOV REF: 001

Card 1/1 CC

L 34352.68

ACC NR: AT6021156

SOURCE CODE: HU/2504/65/050/000/0377/0382

17

B+1

AUTHOR: Tarjan, G.---Tar'yan, G. (Corresponding member MTA)

ORG: none

TITLE: Enriching of coal sludge by in-series connected hydrocyclones

SOURCE: Academia scientiarum hungaricae. Acta technica, v. 50, 1965, 377-382

TOPIC TAGS: coal, mining engineering

ABSTRACT: From approximately 3% to approximately 10% of the quantity of coal mined in Hungary consists of small-particle size dust which is removed by washing. A method was described for the recovery of this dust from the sludge with the aid of hydrocyclones connected in series. The technique, described in some detail, eliminates the need for more costly enriching processes, such as flotation, and permits the recovery of products that can be used in the manufacture of briquets. Orig. art. has: 5 figures and 6 tables. [Orig. art. in Eng.] [JPRS]

SUB CODE: 08, 21 / SUBM DATE: 03Jan64

Card 1/1 CC

L 35946-66

ACC NR: AP6027402

SOURCE CODE: HU/0017/66/000/002/0077/0081

AUTHOR: Tarczy-Hornoch, Antal (Doctor)

20

ORG: none

B

TITLE: Resection with the distance measured between the points to be determined

SOURCE: Geodezja es kartografia, no. 2, 1966, 77-81

TOPIC TAGS: measurement, plane geometry

ABSTRACT: Additional methods for achieving the aim described by KASL [initial(s) not given] in Geod. Obzor, 1963, pp 231-235 were described. These methods are simpler for resecting with the distance measured between the points to be determined than is the conventional method involving Cassini-type auxiliary points. The methods employ one auxiliary point only, used in conjunction with an auxiliary angle. Examples were presented and discussed. Orig. art. has: 5 figures and 21 formulas. [JPRS: 36,457]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 003

Card 1/1

INC: 528 412

CHODAKOWSKI, Antoni Mieczyslaw; TARCZYNSKA, Irena

Determination of tropine alkaloids in the presence of  
papaverine in prescription form. Pt. 1. Farmacja Pol  
20 no. 3/4: 86-88 25 F '64.

1. Katedra Farmacji, Studium Doskonalenia Lekarzy,  
Akademia Medyczna, Warszawa. Kierownik: dr farm.  
J. Kubalski,

TARCZYNSKA-KUBIN, Halina; CZACHOROWSKA-WROBLEWSKA, Monika

A case of Bourneville's disease. Pediat. pol. 39 no. 1-2 1964

I. z Kliniki Neurologii Instytutu Matki i Dziecka w Warszawie  
(Kierowniki: dr. med. D. Łukaszewicz-Kantowicz, Dyrektor: prof. dr.  
med. B. Gernicki) i z Oddziału Neurochirurgii Miejskiego Szpitala  
Zakaznego nr. 3 w Warszawie (Ordynator: dr. A. Gervow).

TARCZYNSKI, Kazimierz W.

Indicators for the determination of the characteristics  
of the covering of pile fabrics. Przegl wlokienn 16  
no.10:523-526 0 '62.

TARCZYNSKI, K.W.

Selection of length of fibers in fleece yarn for pile fabrics.  
Przegl wlokienn 16 no.11: 576-578 ■ '62.

STUDNIAREK, Marian; TARCZYNSKI, Kazimierz

Selected problems of determining the production capacity in  
decorative print material weaving mills. Pt. 1. Przegl  
wlokiem 17 no. 11:390-392 N '63.

TARCZYNSKI, Kazimierz; STUDNIAREK, Marian

Selected problems of determining the production capacity of  
decorative cloth weaving mills. Pt.2. Przegl wlokiem 18 no.1:  
25-33 Ja'64

TARCZYNSKI, Stefan

Fauna of helminths in Suidae in Poland. Wiadomosci parazyt.,  
Warsz. 2 no.4:211-217 1956.

1. Z Zak. Paraz. i Chor. Inwazyj. SGGW w Warszawie.  
(SWINE, diseases,  
helminth infect. in Suidae in Poland (Pol))  
(HELMINTH INFECTIONS, epidemiology,  
in Suidae in Poland (Pol))

TARCZYNSKI, Stefan; SLUSARSKI, Wieslaw (Warszawa)

New data on distribution of *Wehrdickmansia cervipedis*  
(Wehr et Dickmans, 1935) Caballero, 1945 in Cervidae in  
Poland. *Wiadomosci parazytyczne*, Warsz. 2 no. 5 Suppl:163-164.  
1956.

1. Katedra Parazytologii i Chorob Inwazyjnych SSGW i Zaklad  
Parazytologii PAN.

(NEMETODE INFECTIONS, epidemiology,  
*Wehrdickmansia cervipedis* infect. in deer in Poland (Pol))

TARCZYNSKI, Stefan (Warszawa)

Studies on the morphology and developmental cycle of the European form of *Strongyloides ransomi* Schwartz et Alicat-1930. *Wiadomosci parazyty.*, Warsz. 2 no. 5 Suppl:167-168. 1956..

1. Katedra Parazytologii i Chorob Inwazyjnych SOOW.  
(STRONGYLOIDES,  
ransomi, morphol. & develop. cycle (Pol))

TARCZYNISKI, Stefan (Warszawa)

Parasitic worms in boars and hogs in Poland. Wiadomosci  
parazyt., Warsz. 2 no.5 Suppl:169-170 1956.

1. Katedra Parazytologii i Chorob Inwazyjnych SGOW.  
(HELMINTH INFECTIONS, epidemiology,  
in boars & swine in Poland (Pol))  
(SWINE, diseases,  
helminthiases in boars & swine in Poland (Pol))

TARCZYNSKI, Stefan

Migrating parasitic larvae as a cause of non-specific human diseases.  
Wiedomosci parazyt, Warsz. 3 no.6:597-602 1957.  
(ASCARIASIS, complications,  
migrating larvae causing non-specific dis. (Pol))

720. ABOUT THE SELF-DEPENDENCE OF THE SPECIES ECHINOCOCCUS  
MULTILOCULARIS LEUCKART, 1863 - O samodzielności gatunku Echino-  
coccus multilocularis Leuckart, 1863 - Tarczyński S. - WIAD. PARA-  
ZYT. 1058, 4/2 (109-119) Tables 2 Illus. 5

The author discusses the history of investigations on the species *Echinococcus multilocularis* Leuckart, 1863, referring to the literature. He quotes morphological and biological data, on the basis of which *Echinococcus multilocularis* Leuckart, 1863, may be considered as an independent species.

**TARCZYNSKI, Stefan**

Studies on Ascaris invasions in pigs. I. Conditions favorable for incubation of Ascaris suum Goeze, 1782 in the external environment; preliminary communication. Wiadomosci parazyt., Warsz. 4 no.5-6:573-574; Engl. transl. 574-575 1958.

1. Z Zakladu Parazytologii i Chorob Inwazyjnych Sydzialu Weterynaryjnego SGGW w Warszawie.

(ASCARIS,  
suis, incubation (Pol))

KOTRLY, Alois; TARCZYNSKI, Stefan

Filarinae Stiles, 1907 in the subcutaneous tissue of deer *Cervus elaphus* L. in Poland and Czechoslovakia and its taxonomical position. Wiadomosci parazyty., Warsz. 4 no.5-6:721; Engl. transl. 722 1958.

1. Vyskumny Ustav Lesa a Myslivosti Cs1. AZV Zbraslav i z Zakladu Parazytologii i Chor. Inw. SOGW w Warszawie.

(FILARIASIS,

Filarinae infect. of deer (Pol))

(ANIMALIS, dis.

deer, Filarinae infect (Pol))

TARCZYNSKI, STEFAN

Robaki pasozytnicze i wywoływanie przez nie robaczyce świń.

Warszawa, Poland, Państwowe Wydawn. Naukowe, 1959. 318 p.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.  
Unci.

STEFANSKI, Witold; TARCZYNSKI, Stefan (Warszawa)

Achievements and prospects of further development of the Polish veterinary  
parasitology. Rocznik rolnikow wet. 70 no.1/4:178-190 '60.  
(EEAI 10:9)

(Veterinary medicine) (Parasitology)

TARCZYNSKI, Stefan

On the variability of the population structures of *Oesophagostomum dentatum* Rudolphi, 1803, in relation to invasion intensity, host species and existence conditions. *Wiadomosci parazyt.* 7 no.2: 297-303 '61.

1. Katedra Parazytologii i Chorob Inwazyjnych Wydz. Wet. SGGW,  
Warszawa.

(HOOKWORMS INFECTION veterinary)  
(SWINE parasitol)

TARCZYNSKI, Stefan

Biocoenological studies on the invasion with *Oesophagostomum dentatum* Rudolphi 1803 in domestic swine and wild boars. *Acta parasit Pol* 9 no.22/30:447-461 '61.

1. Department of Parasitology and Parasitic Diseases, Agricultural College of Warsaw. Head: Prof., dr. Witold Stefanski. Author's address: Katedra Parazytolodii Szkoly Glownej Gospodarstwa Wiejskiego Warszawa, Grochowska 272.

TARCZYNSKI, Stefan

Pathogenesis of invasive diseases in the light of the theory of stress.  
Wiad. parazyt. 8 no.5:505-524 '62.

1. Katedra Zootwierzygieny WSR, Olsztyn-Kortowo.  
(PARASITIC DISEASES) (STRESS)

TARCZINSKI, Stefan

Investigations on parasitic stress in the course of experimental larval  
ascaridosis (A. suum). Acta parasit Pol 10 no.12/20:177-192 '62.

1. Katedra Zochigieny, Wyższa Szkoła Rolnicza, Olsztyn-Kortowo.

TARCZYNSKI, Stefan

Vitamins and invasion by parasites. Wiad. parazyt. 9 no.1:17-29  
'63.

1. Katedra Zochigieny WSR, Olsztyn-Kortowo.  
(PARASITIC DISEASES) (VITAMIN A) (ASCORBIC ACID)  
(VITAMIN B COMPLEX) (VITAMIN D)

JABLONOWSKI, Zbigniew; SZEPELSKI, Leszek; TARCZYNSKI, Stefan

Vitamin balance studies in the course of parasitic invasion. I.  
Vitamin C content in the body of *Fasciola hepatica* L., *Taenia*  
*hydatigena* Pall. (larvae), *Echinococcus granulosis* Batsch (larvae)  
and *Ascaris suum* Goeze. *Wiad. parazytol.* 10 no. 4:284-285 '64

1. Katedra Zoohigieny Wyższej Szkoły Rolniczej, Olsztyn -  
Kortowo.

JABLONOWSKI, Zbigniew; TARCZYNSKI, Stefan

Vitamin balance studies in the course of parasitic invasion. II  
Survey of vitamin C content in various parenchymatous organs of  
the host. Wiad. parazyt. 10 no.4:286-288 '64

1. Katedra Zoohigieny Wyższej Szkoły Rolniczej, Olsztyn -  
Kort. o.

TARCZYNSKI, Stefan; PODKOWKA, Witold

Studies on the effect of green silages and dried hay on the viability and infectivity of metacercariae from sheep liver rot (*Fasciola hepatica* L.). I. Metacercariae in silages. *Wied. parazy.* 10 no.4:474-475 '64

1. Katedra Zoohigieny i Katedra Zycienia Zwierzat Wyższej Szkoły Rolniczej, Olsztyn.

TARCZYNSKI, Stefan; PODKOWKA, Witold

Effect of ensilage of green roughage and drying of hay on  
viability and infectivity of *Fasciola hepatica* metacercariae.  
Pt.1. *Acta parasit Pol* 12 no.19:201-208 '64.

1. Department of Zoolhygiene of the School of Agriculture,  
Olsztyn-Kortowo.

JABLONOWSKI, Zbigniew; SZEPELSKI, Leszek; TARCZYNSKI, Stefan

Studies on the vitamin balance in parasitic infections.  
Pt.1. Acta parasit Pol 12 no.19:209-213 '64.

1. Department of Zoohygiene of the School of Agriculture,  
Olsztyn-Kortowo.

TARCZYNSKI, Stefan, doc. dr

Has it been profitable to breed parasites? Problemy 20  
no. 9:534-538 '64.

1. Head, Department of Zoology, Division of Animal  
Breeding, School of Agriculture, Olsztyn, and Chairman,  
Olsztyn Branch, Polish Parasitological Society.

TARCZYNSKI, Stefan, doc. dr

A parasitological convention. Problemy 20 no.11:697-698 '64.

TARCZYNSKI, Stefan

Review of scientific advances in Polish veterinary parasitology  
during 1961-1964. Wiad. parazyt. 11 no.1:47-65 '65

1. Katedra Zochigieny Wydzialu Hodowli Zwierzat Wyzszej Szkoły  
Rolniczej, Olsztyn.

POLAND

TARCZYNKI, Stefan; and SZEPELSKI, Leszek, Department of Applied Biology of the Agricultural College (Instytut Biologii Stosowanej WSR) Director (Dyrektor) Docent Dr. Tarczynski; Chair of Zoolgy (Katedra Zooligii) Head (Kierownik) Docent Dr. Stefan Tarczynski; and Regional Institute of Veterinary Hygiene (Wojewodzki Zaklad Higieny Weterynaryjnej) Head (Kierownik) Veterinarian (lek. wet.) Irena Flis; Olsztyn

"Zoohygienic Aspects of Combating Fascioliasis in Ruminants in the Warmian and Mazurian Provinces. Analysis of Environmental Conditions and their Effect on the Spread of an Invasion of *Fasciola hepatica*"

Lublin, Medycyna Weterynaryjna, Vol 22, No 9, Sep 1966; p. 513-517

Abstract: Review of data on fascioliasis in sheep and cattle in the Olsztyn Wojewodztwo; reports of Incidence 1961 to 1965 according to four different sources in each of the three powiaty of the region; effect of climate, marshes and rivers, role of various vectors especially the marsh bird *Galba truncatula* (O.F. Muller). 2 tables, 8 maps, 12 Polish references.

TARDOV, B.N., kand. tekhn. nauk.

Relation between the moment of gyration and specific rotation energy  
of a hydraulic generator and its ratings. Vest. mash. 38 no.3:28-29  
Mr '58.

(Hydroelectric power stations)

(MIRA 11:2)

TARDOV, Boris Nikolayevich; MIKHALEV, B.N., red.; SHIROKOVA, M.M.,  
tekhn.red.

[General geometry of the turbogenerators of operating  
hydroelectric power stations; fundamental principles of the  
development of turbogenerator manufacture] Obezhchaja geometrija  
gidrogeneratorov deistvuiushchikh gidroelektricheskikh stantsii;  
osnovnye zakonomernosti rasvitiia gidrogeneratorostroeniia.  
Moskva, Gos.energ.izd-vo, 1962. 174 p.  
(Turbogenerators) (MIRA 15:5)



L 14273-66 EWT(1)/FS(v)-3 SCTB DD/RD

ACC NR: AT6003841

SOURCE CODE: UR/2865/65/004/000/0070/0074

AUTHOR: Tardov, V. M.; Ustyushin, B. V.; Orlov, S. F.

ORG: none

TITLE: The problem of human resistance to briefly-acting angular accelerations of large magnitudes

SOURCE: AN SSSR. Otdeleniye biologicheskikh nauk. Problemy kosmicheskoy biologii, v. 4, 1965, 70-74

TOPIC TAGS: space physiology, EKG, cardiovascular system, EEG, man, vestibular apparatus, vestibular effect, biologic acceleration effect, psychologic stress

ABSTRACT: The effect of + 30— 90 G/sec<sup>2</sup> was studied using 6 healthy male subjects 22-25 yr. of age. A special device constructed by V. V. Dobrynin, was used which consisted of a chair, power shock absorbers with a stress system, an actuating and automatic braking system, and counters which registered rotation duration, turning angle, and tangential force. The actuating and braking system permitted positive and negative angular accelerations with a duration of 0.2 sec. The magnitude of acceleration

Card 1/3

32  
B1

L.14273-66

ACC NR: AT6003841

in 56 tests was gradually increased from 30 G/sec<sup>2</sup> to 90 G/sec<sup>2</sup>.

Rotation took place around the longitudinal axis of the body.

The following physiological indices were studied: ~~electromyogram~~, EKG, arterial pressure, respiration rate, and EEG. Subjective illusions during rotation were characteristic of those experienced when the semi-circular canals are stimulated.

The cardiovascular system reacted sharply to short-term rotation, reflected in an increase in pulse rate after the chair had been stopped. In some cases, after exposure to  $\pm$  30—90 G/sec, the rate was 125 beats/min, quickly returning to normal and sometimes subnormal levels. Systolic and diastolic pressure was increased. EKG's showed a parallelism with the above indices: The QT interval shortened as pulse rate increased, returning to normal 10—15 min later. The systolic EKG index increased by 10—15% as pulse rates increase, but quickly returned to normal. Spike voltage was unaltered in all tests. Like cardiac activity, the respiration rate also increased immediately after exposure, quickly returning to normal levels.

Card 2/3

L 14273-66

ACC NR: AT6003841

An examination of EEG's showed an increase in the amplitude and content of high-frequency rhythms (greater than 20 cps) immediately after exposure to rotation. This reflected a predominance of excitatory processes taking place in the CNS at this time.

It is observed that the reactions of the organism to short-term rotations were not specific and were attributed to neuropsychic responses, i. e., to emotional strains such as those encountered in catapult tests. This was substantiated in a test in which a subject was given a false command that the chair was ready to revolve and did not. The same physiological reactions as those observed during rotation occurred, though not to as great a degree. Orig. art. has: 5 figures. [ATD PRESS: 4091-F]

SUB CODE: 06 / SUBM DATE: none

GC

Card 3/3

ACC NR: A10036671

SOURCE CODE: UR/0000/66/000/000/0361/0363

AUTHOR: Tardov, V. M.

ORG: none

TITLE: Problem of human tolerance to briefly-acting rotations at high angular accelerations and high speeds [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24-27 May 1966]

28  
2+1

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 361-363

TOPIC TAGS: space medicine, space physiology, human physiology, biologic acceleration effect, cardiovascular system, electrocardiography

ABSTRACT:

The present study considered human resistance to brief (0.2 and 0.25 sec) angular accelerations with magnitudes equivalent to those experienced during emergency abandonment of space capsules and aircraft. Two series of experiments were conducted. In the first series, rotation around the transverse axis "side-side" close to the center of gravity of the subject was tested. In the second series, rotation around the longitudinal axis of the body passing vertically between temporal bone pyramids

Card 1/3

L 08849-67

ACC NR: A16036671

was tested. The acceleration (speedup) curve was close to the deceleration (braking) curve.

The experiment showed that angular acceleration around the transverse axis led to weight illusions and organic disorders at magnitudes of  $80^\circ 1/\text{sec}^2$  (0.2 sec acceleration/deceleration) and  $65^\circ 1/\text{sec}^2$  (0.25 sec acceleration/deceleration). These disorders, indicating the upper limits of good tolerance, were characterized by the appearance of dark or light spots in the visual field, illusions of blood pooling in the head, and facial hyperemia. Angular rate appeared to be almost identical in terms of magnitude and duration of action for the two values given above. The maximum fluctuation value for 0.1 sec was within  $14-16^\circ 1/\text{sec}$ . As a result, acceleration, based on angular rate computations, was nearly identical (about 18 G at the level of the head during pelvis-head accelerations) for both speedup variants (0.2 and 0.25 sec). This led to the hypothesis that acceleration, not angular rate, was the limiting factor under the described conditions. This was later confirmed by the fact that during rotation around the longitudinal axis, which produced small accelerations, no disorders were noted even at rates of  $160^\circ 1/\text{sec}^2$  and  $130^\circ 1/\text{sec}^2$  when the duration of speedup was 0.2 and 0.25 sec and the

Card 2/3

ACC NR: AT6036671

angular rate at the end of the speedup was  $\omega \approx 32^\circ$  1/sec.

In both series of experiments, vestibular disorders were lacking and nystagmus was not registered. Therefore, short-term stresses acting on the semicircular canals of the labyrinth appear to be a weak irritant to the vestibular analyzer even at substantial angular accelerations. This is apparently due to decreased friction of endolymph along the walls of the semicircular canals during short-term, high-speed rotation.

Physiological shifts characteristic of this type of parameter were noted during the experiments: temporary increase in pulse and respiration rate; increased arterial pressure; and lowered T-spike voltage (EKG) during pulse-rate increase, followed by a brief increase when the pulse rate returned to normal. [W.A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

ns  
Card 3/3

KHENKIN, M.L.; LEVINA, N.K.; SPEKTOROVA, S.I.; ABRAMOV, V.I.; GRISHCHENKO,  
V.G.; Prinimali uchastiye: IVANOVA-EMIN, M.P.; GERASIMOVA, I.I.;  
TARDOVA, L.G.

Investigating some foundry alloys for high precision parts. Lit.  
(MIRA 18:9)  
proizv. no.3:27-31 Mr '64.

ENDREI, Walter; TARDY, Lajos

The ship of Todor Batthany. Elet tud 18 no.41:1300-1303  
13 0 '63.

TARDY, L.

Gyorgy Koritany. Orv.hetil. 100 no.34:1237-1238 Ag '59.  
(OPHTHALMOLOGY hist.)  
(BIOGRAPHIES)

TARDY, L.

Jeno Hamburger (31 May 1883 - 14 December 1936). Orv. hetil. 104  
no.24:1132-1133 16 Je '63.  
(BIOGRAPHIES)

TARDY, L.

Tivadar Csontvary, Orv. hetil. 104 no.26:1237-1238 Je 30 '63.

(BIOGRAPHIES) (PHARMACY)

SCHULTHEISZ, E. TARDY, L.

Pal Gyongyossi, physician and philologist. Orv. hetil. 105  
no.30:1425-1427 26 Jl '64

SCHULTHEISZ, Emil, dr.: TARDY, Lajos, dr.

Italian physicians in Hungary. Orv. hetil. 106 no.14:659-660  
4 Ap '65

SCHULTHEISZ, Emil, dr.; TARDY, Lajos, dr.

Water conduits, street sweeping, canalization, baths, flats  
in medieval cities; hygiene 700 years ago. Elet tud 20 no.9:  
387-392 5 Mr '65.

L 47243-66 T/EWP(t)/ETI IJP(c) JD

ACC NR: AF034295

SOURCE CODE: HU/0014/66/000/006/0267/0269

AUTHOR: Kisfaludy, A. (Graduate metallurgical engineer); Tardy, Pal (Graduate metallurgical engineer) 22

ORG: Research Institute for the Iron Industry (Vasipari Kutato Intezet) B

TITLE: Microscopic examination of the ferromagnetic phases of alloys ✓

SOURCE: Budapest, Kohaszati Lapok, vol 99, no 6, Jun 1966, pp 267-269

TOPIC TAGS: ferromagnetic property, metallography

ABSTRACT The method described is based on placing the metallographically polished specimen in a magnetic field and spreading a suspension containing ferromagnetic particles on the polished surface. On the effect of the magnetic excitation the suspended, dark-colored particles will leave the non-ferromagnetic phases free and will concentrate on the ferromagnetic phases. Thus, the structure, based on permeability, will be highlighted. Observation may be made by a metallurgical microscope or other suitable or suitably modified viewing instrument. The techniques involved in the method were described and illustrated.

Orig. art. has: 5 figures [JPRS: 36,867]

SUB CODE: 11,20 / SUBM DATE: none / OTH REF: 001

Card 1/1 gd

UDC: 669.15.74-198:620.18

0231 11016